

DOCKET NO: 252002US2CONT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
KAZUO SATO, ET AL. :  
U.S. PATENT NO. 7,179,527 : ISSUED: FEBRUARY 20, 2007  
SERIAL NO: 10/826,290 : EXAMINER: WONG, E.  
FILED: APRIL 19, 2004 : GROUP ART UNIT: 1753  
FOR: SUBSTRATE WITH :  
TRANSPARENT CONDUCTIVE OXIDE  
FILM, PROCESS FOR ITS PRODUCTION  
AND PHOTOELECTRIC CONVERSION  
ELEMENT

CERTIFICATION UNDER 37 CFR 3.73(b)

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

I, the undersigned, certify that I am an individual empowered to act on behalf of ASHAI GLASS COMPANY, LIMITED, the Assignee of the entire right, title and interest to the above-captioned application by virtue of an Assignment from the inventors of the application. I further certify that I have reviewed all the documents in the chain of title of the patent application identified above, including the Assignment copy attached hereto, and said copy is a true and accurate copy of the Assignment recorded in the U.S. Patent and Trademark Office at Reel/Frame 015743/0298, and that to the best of my knowledge and belief title is in the above-noted Assignee.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so

made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Date: April 9, 2009

Kazuhiko Saito  
Signature

Kazuhiko Saito

\_\_\_\_\_  
Typewritten Name

General Manager, Intellectual Property Center

\_\_\_\_\_  
Title

HB-515-US-2  
(72002-118)

Attorney's Docket No. 252002US-38-59-2-CONT

## Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Kazuo Sato, Naoki Taneda, Makoto Fukawa, Nobutaka Aomine and Mika Kambe

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

all of c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku,  
Yokohama-shi, Kanagawa 221-8755 Japan

, respectively,

INSERT TITLE  
OF INVENTION:

have invented certain new and useful improvements in: SUBSTRATE WITH TRANSPARENT CONDUCTIVE  
OXIDE FILM, PROCESS FOR ITS PRODUCTION AND PHOTOELECTRIC CONVERSION ELEMENT

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

for which an application for Letters Patent was executed on June 4, 2004

(Application No. 10/826,290, filed April 19, 2004), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

WHEREAS, Asahi Glass Company, Limited

(hereinafter referred to as "ASSIGNEE") having a place of business at:

12-1, Yurakucho 1-chome, Chiyoda-ku, TOKYO 100-8405 JAPAN

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

COPY ONLY  
NOT FOR RECORDATION

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: June 4, 2004

Kazuo Sato  
(Signature of Inventor) Kazuo Sato

Date: June 4, 2004

Naoki Tameda  
(Signature of Inventor) Naoki Tameda

Date: June 4, 2004

Makoto Fukawa  
(Signature of Inventor) Makoto Fukawa

Date: June 4, 2004

Nobutaka Aomine  
(Signature of Inventor) Nobutaka Aomine

Date: June 4, 2004

Mika Kambe  
(Signature of Inventor) Mika Kambe

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

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